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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 JAN 17 Pre-1988 INPI data added to MARPAT  
NEWS 4 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist  
visualization results  
NEWS 5 FEB 22 The IPC thesaurus added to additional patent databases on STN  
NEWS 6 FEB 22 Updates in EPFULL; IPC 8 enhancements added  
NEWS 7 FEB 27 New STN AnaVist pricing effective March 1, 2006  
NEWS 8 MAR 03 Updates in PATDPA; addition of IPC 8 data without attributes  
NEWS 9 MAR 22 EMBASE is now updated on a daily basis  
NEWS 10 APR 03 New IPC 8 fields and IPC thesaurus added to PATDPAFULL  
NEWS 11 APR 03 Bibliographic data updates resume; new IPC 8 fields and IPC  
thesaurus added in PCTFULL  
NEWS 12 APR 04 STN AnaVist \$500 visualization usage credit offered  
NEWS 13 APR 12 LINSPEC, learning database for INSPEC, reloaded and enhanced  
NEWS 14 APR 12 Improved structure highlighting in FQHIT and QHIT display  
in MARPAT  
NEWS 15 APR 12 Derwent World Patents Index to be reloaded and enhanced during  
second quarter; strategies may be affected  
NEWS 16 MAY 10 CA/Caplus enhanced with 1900-1906 U.S. patent records  
NEWS 17 MAY 11 KOREAPAT updates resume  
NEWS 18 MAY 19 Derwent World Patents Index to be reloaded and enhanced  
NEWS 19 MAY 30 IPC 8 Rolled-up Core codes added to CA/Caplus and  
USPATFULL/USPAT2  
NEWS 20 MAY 30 The F-Term thesaurus is now available in CA/Caplus  
NEWS 21 JUN 02 The first reclassification of IPC codes now complete in  
INPADOC  
  
NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.  
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT  
<http://download.cas.org/express/v8.0-Discover/>  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
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Enter NEWS followed by the item number or name to see news on that  
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FILE 'HOME' ENTERED AT 12:37:39 ON 12 JUN 2006

=> file medline, biosis, wpids

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.42

0.42

FILE 'MEDLINE' ENTERED AT 12:38:49 ON 12 JUN 2006

FILE 'BIOSIS' ENTERED AT 12:38:49 ON 12 JUN 2006

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FILE 'WPIDS' ENTERED AT 12:38:49 ON 12 JUN 2006

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=> s ANG-1

L1 1700 ANG-1

=> s l1 and (ECM-binding domain)

L2 1 L1 AND (ECM-BINDING DOMAIN)

=> d l2 ti abs ibib tot

L2 ANSWER 1 OF 1 WPIDS COPYRIGHT 2006 THE THOMSON CORP on STN

TI New pharmaceutical composition comprises a pharmaceutical carrier and an amount of an extracellular matrix (ECM)-binding fragment of **Ang-1** protein or a mutant **Ang-1**, useful for treating, e.g. cancer, vascular disease, or ischemia.

AN 2004-653413 [63] WPIDS

AB WO2004076650 A UPAB: 20041001

NOVELTY - A pharmaceutical composition comprising a pharmaceutical carrier and an amount of an extracellular matrix (ECM)-binding fragment of **Ang-1** protein or a mutant **Ang-1**, is new.

DETAILED DESCRIPTION - A pharmaceutical composition comprises a pharmaceutical carrier and:

(a) an amount of an ECM-binding fragment of **Ang-1** protein comprising 20-42 amino acids (SEQ ID NO. 1-4), or its homologous peptide and/or a vector comprising a nucleic acid molecule that encodes an ECM-binding fragment of **Ang-1** protein;

(b) an amount of a non-ECM binding fragment of **Ang-1** protein that comprises a modification in an **ECM-binding domain** of **Ang-1**, where the modification reduces the binding of **Ang-1** to an ECM and/or a vector comprising a nucleic acid molecule that encodes a non-ECM binding fragment of **Ang-1** protein that comprises a modification in an **ECM-binding domain** of **Ang-1**, where the modification reduces the binding of **Ang-1** to the ECM;

(c) an amount of a proteolytic resistant fragment of **Ang-1** protein that comprises a modification in a proteolytic domain of **Ang-1**, where the modification inhibits the proteolysis of **Ang-1** and/or a vector comprising a nucleic acid molecule that encodes a proteolytic resistant fragment of **Ang-1** protein that comprises a modification in a proteolytic domain of **Ang-1**, where the modification inhibits the proteolysis of **Ang-1**;

(d) an amount of a mutant **Ang-1** which retain their angiogenesis promoting activity but have reduced or inactive ECM binding or its homologous peptide or mutant versions of **Ang-1**

or a homologous peptide and/or a vector comprising a nucleic acid molecule that comprises the nucleotide sequence that encodes a mutant **Ang-1** which retain their angiogenesis promoting activity but have reduced or inactive ECM binding or a homologous peptide or mutant versions of **Ang-1**;

(e) an amount of a mutant **Ang-1** which retain their angiogenesis promoting activity but which is not cleaved into an antagonist fragment or a homologous peptide and/or a vector comprising a nucleic acid molecule that comprises the nucleotide sequence that a mutant **Ang-1** which retain their angiogenesis promoting activity but has not cleaved into a antagonist fragment or a homologous peptide; or

(f) an amount of an **Ang-1** fragment with antagonist activity and/or a vector comprising a nucleic acid molecule that comprises the nucleotide coding sequence of an **Ang-1** fragment with antagonist activity.

INDEPENDENT CLAIMS are also included for:

(1) a method of treating an individual suspected of having coronary artery disease, vascular disease or a condition involving ischemia;

(2) a method of promoting angiogenesis, endothelial survival and maintaining vascular integrity in an individual;

(3) a method of treating an individual suspected of having a disease related to lack of blood vessels to effectively promote angiogenesis in the patients with the diseases related to lack of blood vessels such as ischemia in hearts and limbs;

(4) a method to reduce stroke, heart attack, blood vessel blockage, hemorrhage, arteriosclerosis risk by maintaining the health and integrity of blood vessels;

(5) a method to assist the recovery of the patients who had stroke and the angioplasty procedure by promoting the growth/survival of endothelial cells and establish endothelial monolayer and inhibit excessive inflammation, hemorrhage, and proliferation of vascular smooth muscle;

(6) a method to treat patients with restenosis by inhibiting re-closure of blood vessel after inserting stents into blood vessels;

(7) a method to make stable and functional artificial blood vessels comprising using the composition above;

(8) a method of identifying compounds that modulates binding of **Ang-1** to ECM;

(9) a method of treating an individual suspected of having cancer;

(10) a method of preventing diabetes and/or arthritis in an individual suspected of being at risk of developing diabetes or arthritis;

(11) a fusion protein comprising:

(a) an ECM binding motif SEQ ID NO. 1-4 and a biologically active non-**Ang-1** protein;

(b) a non-ECM binding fragment of **Ang-1** and a biologically active non-**Ang-1** protein; or

(c) SEQ ID NO. 1-12 and non-**Ang-1** protein;

(12) a method of diagnosing an elevated probability of metastatic disease following tumor removal or elimination;

(13) a method of diagnosing and evaluating cancer in an individual for its probability of being an aggressive malignant cancer;

(14) a method of inhibiting Erk1/2 phosphorylation in a cell comprising administering the pharmaceutical composition;

(15) a method of inhibiting tumor angiogenesis in an animal; and

(16) a nucleic acid molecule encoding a fusion protein SEQ ID NO. 1-12 and non-**Ang-1** protein.

ACTIVITY - Cytostatic; Vasotropic; Antidiabetic; Antiarthritic; Cerebroprotective; Antiangiogenic.

No biological data given.

MECHANISM OF ACTION - Gene Therapy.

USE - The pharmaceutical composition is useful for treating diseases and disorders, e.g. cancer, coronary artery disease, vascular disease, ischemia, restenosis, diabetes, stroke, angiogenesis, or arthritis.

Dwg. 0/8

ACCESSION NUMBER: 2004-653413 [63] WPIDS  
DOC. NO. CPI: C2004-233867  
TITLE: New pharmaceutical composition comprises a pharmaceutical carrier and an amount of an extracellular matrix (ECM)-binding fragment of **Ang-1** protein or a mutant **Ang-1**, useful for treating, e.g. cancer, vascular disease, or ischemia.  
DERWENT CLASS: B04 D16  
INVENTOR(S): YU, Q  
PATENT ASSIGNEE(S): (YUQQ-I) YU Q; (UYPE-N) UNIV PENNSYLVANIA  
COUNTRY COUNT: 108  
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 2004076650	A2	20040910	(200463)*	EN	114
RW: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW					
W: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW					
US 2004186054	A1	20040923	(200463)		

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 2004076650	A2	WO 2004-US6101	20040227
US 2004186054	A1 Provisional	US 2003-450582P	20030227
		US 2004-789222	20040227

PRIORITY APPLN. INFO: US 2003-450582P 20030227; US  
2004-789222 20040227

=> e yu,q/au

E1	2	YU ZUXI/AU
E2	1	YU ZUYUAN/AU
E3	0 -->	YU,Q/AU
E4	1	YUA/AU
E5	1	YUA L M/AU
E6	2	YUA LIHUA/AU
E7	2	YUA M/AU
E8	1	YUA X/AU
E9	1	YUABOV B M/AU
E10	1	YUABOV YU M/AU
E11	3	YUABOVA E YU/AU
E12	3	YUABOVA M G/AU

# Refine Search

## Search Results -

Terms	Documents
L7 and L6	0

Database:

US Pre-Grant Publication Full-Text Database  
US Patents Full-Text Database  
US OCR Full-Text Database  
EPO Abstracts Database  
JPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

Search:

L8

Refine Search

Recall Text

Clear

Interrupt

## Search History

DATE: Monday, June 12, 2006 [Printable Copy](#) [Create Case](#)

### Set Name Query

side by side

### Hit Count Set Name

result set

*DB=USPT; PLUR=YES; OP=OR*

<u>L8</u>	L7 and l6	0	<u>L8</u>
<u>L7</u>	yu.in.	11653	<u>L7</u>
<u>L6</u>	L5 and l4	38	<u>L6</u>
<u>L5</u>	(TIE-2 ligand)	66982	<u>L5</u>
<u>L4</u>	Ang-1	210	<u>L4</u>
<u>L3</u>	L1 and (pharmaceutical composition)	1	<u>L3</u>
<u>L2</u>	L1 and composition	1	<u>L2</u>
<u>L1</u>	6441137.pn.	1	<u>L1</u>

END OF SEARCH HISTORY

# Hit List

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Search Results - Record(s) 1 through 10 of 38 returned.

☐ 1. Document ID: US 7056509 B2

L6: Entry 1 of 38

File: USPT

Jun 6, 2006

US-PAT-NO: 7056509

DOCUMENT-IDENTIFIER: US 7056509 B2

TITLE: Antibody methods for selectively inhibiting VEGF

DATE-ISSUED: June 6, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20030175276 A1	September 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Thorpe; Philip E.	Dallas	TX		US
Brekken; Rolf A.	Seattle	WA		US

US-CL-CURRENT: [424/145.1](#); [424/130.1](#), [424/133.1](#), [424/184.1](#), [530/387.1](#), [530/388.1](#),  
[530/388.15](#), [530/388.25](#), [530/809](#), [530/864](#), [530/865](#), [530/866](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMC	Draw Desc	Ima
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☐ 2. Document ID: US 7052695 B2

L6: Entry 2 of 38

File: USPT

May 30, 2006

US-PAT-NO: 7052695

DOCUMENT-IDENTIFIER: US 7052695 B2

TITLE: Angiopoietins and methods of treating hypertension

DATE-ISSUED: May 30, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20030082177 A1	May 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kalish; Susan Croll	Tarrytown	NY		US

US-CL-CURRENT: [424/178.1](#); [514/12](#), [530/388.22](#), [530/391.1](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMC	Draw Desc	Ima
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☐ 3. Document ID: US 7008781 B1

L6: Entry 3 of 38

File: USPT

Mar 7, 2006

US-PAT-NO: 7008781

DOCUMENT-IDENTIFIER: US 7008781 B1

TITLE: Method of enhancing the biological activity of ligands

DATE-ISSUED: March 7, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Davis; Samuel	New York	NY		US
Gale; Nicholas W.	Tarrytown	NY		US
Yancopoulos; George D.	Yorktown Heights	NY		US
Stahl; Neil	Carmel	NY		US

US-CL-CURRENT: 435/69.7; 424/134.1, 424/192.1, 435/252.33, 435/254.2, 435/320.1, 435/348,  
435/360, 435/365.1, 514/12, 514/2, 530/399, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Ima
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☐ 4. Document ID: US 6962802 B2

L6: Entry 4 of 38

File: USPT

Nov 8, 2005

US-PAT-NO: 6962802

DOCUMENT-IDENTIFIER: US 6962802 B2

TITLE: Growth factor homolog ZVEGF4

DATE-ISSUED: November 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gilbert; Teresa	Seattle	WA		
Hart; Charles E.	Woodinville	WA		
Sheppard; Paul O.	Granite Falls	WA		
Gilbertson; Debra G.	Seattle	WA		

US-CL-CURRENT: 435/69.4; 435/320.1, 435/69.1, 530/350, 530/399, 536/23.1, 536/23.5,  
536/23.51

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Ima
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☐ 5. Document ID: US 6958147 B1

L6: Entry 5 of 38

File: USPT

Oct 25, 2005

US-PAT-NO: 6958147

DOCUMENT-IDENTIFIER: US 6958147 B1

TITLE: Use of VEGF-C to prevent restenosis

DATE-ISSUED: October 25, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Alitalo; Kari	Espoo			FI
Yla-Herttuala; Seppo	Kuopio			FI
Hiltunen; Mikko O.	Kuopio			FI
Jeltsch; Markku M.	Helsinki			FI
Achen; Marc G.	North Melbourne			AU

US-CL-CURRENT: 424/93.2; 424/93.1, 424/93.21, 435/320.1, 435/325, 435/455, 435/69.1,  
514/44, 536/23.1, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Ima

☐ 6. Document ID: US 6947845 B2

L6: Entry 6 of 38

File: USPT

Sep 20, 2005

US-PAT-NO: 6947845

DOCUMENT-IDENTIFIER: US 6947845 B2

TITLE: Method of identifying molecules that bind to the large ribosomal subunit

DATE-ISSUED: September 20, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Steitz; Thomas A.	Branford	CT		
Moore; Peter B.	North Haven	CT		
Ippolito; Joseph A.	Guilford	CT		
Ban; Nenad	Zurich			CH
Nissen; Poul	Aarhus			DE
Hansen; Jeffrey L.	Charleston	SC		

US-CL-CURRENT: 702/19; 702/20, 702/27

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Ima

☐ 7. Document ID: US 6943153 B1

L6: Entry 7 of 38

File: USPT

Sep 13, 2005

US-PAT-NO: 6943153

DOCUMENT-IDENTIFIER: US 6943153 B1

TITLE: Use of recombinant gene delivery vectors for treating or preventing diseases of the eye

DATE-ISSUED: September 13, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Manning, Jr.; William C.	Redwood City	CA		
Dwarki; Varavani J.	Pittstown	NJ		
Rendahl; Katherine	Berkeley	CA		
Zhou; Shangzhen	Alameda	CA		



Miller; Sheldon S.

Berkeley

CA

Wang; Fei

Albany

CA

US-CL-CURRENT: 514/44; 424/233.1, 424/93.21

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMNC	Draw Desc	Ima
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☐ 8. Document ID: US 6943146 B2

L6: Entry 8 of 38

File: USPT

Sep 13, 2005

US-PAT-NO: 6943146

DOCUMENT-IDENTIFIER: US 6943146 B2

TITLE: Method for promoting neovascularization

DATE-ISSUED: September 13, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jakubowski; Aniela	Arlington	MA		
Burkly; Linda	West Newton	MA		

US-CL-CURRENT: 514/12; 424/1.41, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMNC	Draw Desc	Ima
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☐ 9. Document ID: US 6887468 B1

L6: Entry 9 of 38

File: USPT

May 3, 2005

US-PAT-NO: 6887468

DOCUMENT-IDENTIFIER: US 6887468 B1

TITLE: Antibody kits for selectively inhibiting VEGF

DATE-ISSUED: May 3, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Thorpe; Philip E.	Dallas	TX		
Brekken; Rolf A.	Seattle	WA		

US-CL-CURRENT: 424/130.1; 424/139.1, 424/143.1, 424/145.1, 530/388.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMNC	Draw Desc	Ima
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☐ 10. Document ID: US 6878729 B2

L6: Entry 10 of 38

File: USPT

Apr 12, 2005

US-PAT-NO: 6878729

DOCUMENT-IDENTIFIER: US 6878729 B2

TITLE: Medicinal uses of dihydropyrazoles

DATE-ISSUED: April 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Almstead; Ji-In Kim	Holmdel	NJ		
Izzo; Nicholas John	Pittsburgh	PA		
Jones; David Robert	Milford	OH		
Kawamoto; Richard Masaru	Lebanon	OH		

US-CL-CURRENT: 514/341; 546/275.4

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw Desc	Ima
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Terms	Documents
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